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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/773,136	01/30/2001	Shawn Getterny	PALM-3548.US.P	5397
7590 05/17/2004			EXAMINER	
WAGNER, MURABITO & HAO LLP			SHAPIRO, LEONID	
Third Floor Two North Market Street			ART UNIT	PAPER NUMBER
San Jose, CA 95113			2673	//
			DATE MAILED: 05/17/2004	4 11

Please find below and/or attached an Office communication concerning this application or proceeding.

		PRE
	Application No.	Applicant(s)
	09/773,136	GETTEMY, SHAWN
Office Action Summary	Examiner	Art Unit
	Leonid Shapiro	2673
The MAILING DATE of this communic Period for Reply	ation appears on the cover sheet wit	h the correspondence address
A SHORTENED STATUTORY PERIOD FOR THE MAILING DATE OF THIS COMMUNIC - Extensions of time may be available under the provisions of after SIX (6) MONTHS from the mailing date of this communing the period for reply specified above is less than thirty (30). If NO period for reply is specified above, the maximum statused in the period for reply with the set or extended period for reply with any reply received by the Office later than three months after earned patent term adjustment. See 37 CFR 1.704(b).	ATION. 37 CFR 1.136(a). In no event, however, may a relication. days, a reply within the statutory minimum of thirty tory period will apply and will expire SIX (6) MONT II, by statute, cause the application to become ABA	ply be timely filed (30) days will be considered timely. (HS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).
Status		
1)⊠ Responsive to communication(s) filed 2a)⊠ This action is FINAL . 2b 3)□ Since this application is in condition for closed in accordance with the practice.) This action is non-final. If allowance except for formal matter	-
Disposition of Claims		
4) ☐ Claim(s) <u>1-25</u> is/are pending in the appear of the above claim(s) is/are 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) <u>1-25</u> is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction	withdrawn from consideration.	
Application Papers		
9)☐ The specification is objected to by the 10)☑ The drawing(s) filed on 08 March 2004 Applicant may not request that any objection Replacement drawing sheet(s) including the 11)☐ The oath or declaration is objected to the	! is/are: a)⊠ accepted or b)□ obje on to the drawing(s) be held in abeyand ne correction is required if the drawing(s	ce. See 37 CFR 1.85(a). s) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for a) All b) Some * c) None of: 1. Certified copies of the priority do 2. Certified copies of the priority do	ocuments have been received. ocuments have been received in Ap the priority documents have been in all Bureau (PCT Rule 17.2(a)).	oplication No received in this National Stage
Attachment(s)		·
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO3) Information Disclosure Statement(s) (PTO-1449 or PT Paper No(s)/Mail Date	D-948) Paper No(s)	ummary (PTO-413) /Mail Date formal Patent Application (PTO-152)

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Drawings

1. The drawing was received and approved on 03-08-04. This drawing is 3A.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-3, 8-9, 20-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sirola et al. (US Patent No. 6,415,138 B2) in view of Lueders (US Patent No. 6,067,074) and Hashimoto et al. (US Patent 5,955,198).

As to claim 1, Sirola et al. teaches a user interface for a portable electronic device, user interface device comprising: a display panel, display panel forming a first layer of user interface (See Fig. 1, item 5, in description See Col. 4, Lines 60-63); and a touch sensor (flexible foil-like activation means) coupled with display panel, flexible foil-like activation means forming a second layer of user interface (See Figs. 1-4, items 3,5, in description See Col. 5, Lines 1-5 and Col. 6, Lines 33-43), wherein flexible foil-like activation means is operable to register a position where contact is made with a surface of user interface, wherein a particular position on user interface is translated into a particular command for controlling portable electronic device (See Figs. 1-2, items 3,5,3a-3d, in description See Col. 4, Lines 36-60).

Sirola et al. does not show flexible display panel.

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Lueders teaches flexible display to actuate the underlying switch of the keyboard (See Fig. 3, item 36, See Col. 4, Lines 48-50 and Col. 5, Lines 9-18).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the flexible display panel as shown by Lueders in the Sirola et al. apparatus in order to have a control panel with automatically change the switch identification as the operator progresses in performing a programmed function (See Col. 1, Lines 58-62 in the Lueders reference). Notice, that in modified Lueders and Sirola et al. apparatus the flexible display panel located above touch panel which replaced keyboard of the Lueders apparatus with touch panel of the Sirola et al. device.

Sirola et al. and Lueders do not show flexible touch sensor.

Hashimoto et al. teaches touch panel with flexible spacers (See Fig. 1, items 1-6, in description See Col. 3, Lines 26 and from Col. 1, Line 66 to Col. 2, Line 3).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the touch panel with flexible spacers as shown by Hashimoto et al. in Lueders and the Sirola et al. apparatus in order to enable an operator to input by the pressure with finger or pen while viewing what is displayed on the panel (See Col. 1, Lines 8-12 in the Hashimoto et al. reference).

As to claim 20, Sirola et al. teaches a method for providing a user interface for a portable computer system, method comprising the steps of: displaying images and characters to user via a display panel (See Figs. 1-2, items 3,5,3a-3d, in description See Col. 4, Lines 36-60), Receiving input via a touch sensor (foil-like activation means) is operable to register a position where contact is made with a surface of display panel (See Figs. 1-2, items 3,5,3a-3d, in

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description See Col. 4, Lines 36-60); translating input into a particular command for controlling portable electronic device (See Fig. 2, items 3,5,3a-3d, in description See Col. 4, Lines 48-60)

Sirola et al. does not show flexible display panel.

Lueders teaches flexible display to actuate the underlying switch of the keyboard (See Fig. 3, item 36, See Col. 5, Lines 9-18 and Col. 5, Lines 9-18).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the flexible display panel as shown by Lueders in the Sirola et al. method in order to have a control panel with automatically change the switch identification as the operator progresses in performing a programmed function (See Col. 1, Lines 58-62 in the Lueders reference). Notice, that in modified Lueders and Sirola et al. apparatus the flexible display panel located above touch panel which replaced keyboard of the Lueders apparatus with touch panel of the Sirola et al. device.

Sirola et al. and Lueders do not show flexible touch sensor.

Hashimoto et al. teaches touch panel with flexible spacers (See Fig. 1, items 1-6, in description See Col. 3, Lines 26 and from Col. 1, Line 66 to Col. 2, Line 3).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the touch panel with flexible spacers as shown by Hashimoto et al. in Lueders and the Sirola et al. method in order to enable an operator to input by the pressure with finger or pen while viewing what is displayed on the panel (See Col. 1, Lines 8-12 in the Hashimoto et al. reference).

As to claims 2, 21 Sirola et al. teaches touch sensor (See Fig.4, item 5, in description See Col. 6, Lines 34-43) and Lueders teaches flexible display panel is disposed between flexible

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touch sensor (keyboard) and user (See Fig. 3, items 36, 28, in description See Col. 5, Lines 9-19).

As to claims 3, 22 Sirola et al. teaches flexible display panel is disposed beneath flexible touch sensor, wherein flexible touch sensor is disposed between flexible display panel and a user (See Figs. 1-4, items 5,3, in description See Col. 5, Lines 1-5).

As to claim 8, in modified Sirola et al. and Lueders apparatus a support shelf structure is disposed beneath flexible touch sensor structure (Col. 6, Lines 29-43 in Sirola et al. reference) or PCB 26 (See Fig. 3, item 26 in Lueders reference).

As to claims 9, Sirola et al. and Lueders do not show an additional instance of flexible touch sensor, additional flexible touch sensor disposed beneath a support shelf, additional instance of flexible touch sensor coupled to user interface; and an additional instance flexible display panel, additional flexible display panel disposed beneath additional flexible touch sensor, additional instance of flexible touch sensor coupled to user interface, whereby two sided flexible display functionality is provided to the user interface.

Since modified Sirola et al. and Lueders apparatus provided instance of flexible touch sensor, flexible touch sensor disposed beneath a support shelf, instance of flexible touch sensor coupled to user interface; and an instance flexible display panel, flexible display panel disposed beneath flexible touch sensor, I instance of flexible touch sensor coupled to user interface, it would have been obvious to one of ordinary skill in the art at the time of the invention to implement additional flexible touch sensor and flexible display panel in the Sirola et al. and Lueders apparatus in order to provide two sided functionality to user interface similarly to the

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use of the cover transparent flexible, touch panel (foil-like activation means) in the Sirola et al. reference (See Abstract).

3. Claims 10-13, 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis et al. (US Patent No.5,634,080) in view of Lueders and Hashimoto et al. (US Patent No. 5,955,198).

As to claim 10, Kikinis et al. teaches a portable computer system comprising: a bus (See Fig. 3, items 17,40, in description See Col. 8, Lines 26-65); a memory device coupled with the bus (See Fig. 3, items 13,17, in description See Col. 8, Lines 22-30); a processor coupled with bus (See Fig. 3, items 11, 17, in description See Col. 8, Lines 8-20); a display panel coupled with bus, display panel forming a first layer of a user interface (See Fig. 3, item 25, in description See Col. 9, Lines 24-25), and a touch sensor coupled with flexible display panel, touch sensor forming a second layer of a user interface (See Fig. 3, item 27, in description See Col. 9, Lines 24-25).

Kikinis et al. does not show flexible display panel.

Lueders teaches flexible display to actuate the underlying switch of the keyboard (See Fig. 3, item 36, See Col. 5, Lines 9-18 and Col. 5, Lines 9-18).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the flexible display panel as shown by Lueders in the Kikinis et al. apparatus in order to have a control panel with automatically change the switch identification as the operator progresses in performing a programmed function (See Col. 1, Lines 58-62 in the Lueders reference). Notice, that in modified Lueders and Sirola et al. apparatus the flexible display panel

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located above touch panel which replaced keyboard of the Lueders apparatus with touch panel of the Sirola et al. device.

Sirola et al. and Lueders do not show flexible touch sensor.

Hashimoto et al. teaches touch panel with flexible spacers (See Fig. 1, items 1-6, in description See Col. 3, Lines 26 and from Col. 1, Line 66 to Col. 2, Line 3).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the touch panel with flexible spacers as shown by Hashimoto et al. in Lueders and the Sirola et al. apparatus in order to enable an operator to input by the pressure with finger or pen while viewing what is displayed on the panel (See Col. 1, Lines 8-12 in the Hashimoto et al. reference).

As to claim 11, Sirola et al. teaches the touch sensor is operable to register position where contact made with a surface of display panel, wherein a particular position on display panel is translated into a particular command for controlling portable electronic device (See Fig. 2, items 3a-d, in description See Col. 4, Lines 39-48).

As to claim 12, Sirola et al. teaches display panel is disposed beneath touch sensor, wherein touch sensor is disposed between display panel and a user (See Figs. 1-4, items 5,3, in description See Col. 5, Lines 1-5).

As to claim 13, Kikinis et al. teaches flexible display panel is disposed beneath flexible touch sensor, wherein flexible touch sensor is disposed between display panel and a user (See Fig. 3, items 25,27, in description See Col. 9, Lines 24-25).

Kikinis et al. does not show flexible display panel.

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Lueders teaches flexible display to actuate the underlying switch of the keyboard (See Fig. 3, item 36, in description See Col. 5, Lines 9-18). It would have been obvious to one of ordinary skill in the art at the time of the invention to use the flexible display panel as shown by Lueders in the Kikinis et al. apparatus in order to satisfy the need in a small and inexpensive PDA (See Col. 2, Lines 18-21 in the Kikinis et al. reference).

As to claim 18, in modified Kikinis et al. and Lueders apparatus a support shelf structure is disposed beneath flexible touch sensor structure (Col. 2, item 36, in description See Col. 7, Lines 43-60 in Kikinis et al. reference) or PCB 26 (See Fig. 3, item 26 in Lueders reference).

As to claims 19, Kikinis et al. and Lueders do not show an additional instance of flexible touch sensor, additional flexible touch sensor disposed beneath a support shelf, additional instance of flexible touch sensor coupled to user interface; and an additional instance flexible display panel, additional flexible display panel disposed beneath additional flexible touch sensor, additional instance of flexible touch sensor coupled to user interface, whereby two sided flexible display functionality is provided to the user interface. Since modified Kikinis et al. and Lueders apparatus provided instance of flexible touch sensor, flexible touch sensor disposed beneath a support shelf, instance of flexible touch sensor coupled to user interface; and an instance flexible display panel, flexible display panel disposed beneath flexible touch sensor, 1 instance of flexible touch sensor coupled to user interface, it would have been obvious to one of ordinary skill in the art at the time of the invention to implement additional flexible touch sensor and flexible display panel in the Kikinis et al. and Lueders apparatus in order to provide two sided functionality to user interface.

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4. Claims 4-5, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sirola et al., Lueders and Hashimoto as aforementioned in claim1 in view of Colgan et al. (US Patent No. 6,483,498 B1).

Sirola et al., Lueders and Hashimoto do not show flexible touch sensor (fabric) disposed within flexible display panel, such that flexible touch sensor is internal to flexible display panel.

Colgan et al. teaches display with integrated resistive touch sensor (See Fig. 2, items 24,30,26, in description See from Col. 4, Line 28 to Col. 5, Line 40).

It would have been obvious to one of ordinary skill in the art at the time of the invention to implement integrated resistive touch sensor as shown by Colgan et al. in the Sirola et al., Lueders and Hashimoto apparatus in order to implement display lighter and thinner than conventional devices and provides little or no additional attenuation of light emitted from the display (See Col. 2, Lines 60-64 in the Colgan et al. reference).

5. Claims 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis et al., Lueders and Hashimoto et al. as aforementioned in claim10 in view of Colgan et al.

Kikinis et al., Lueders and Hashimoto et al. do not show flexible touch sensor (fabric) disposed within flexible display panel, such that flexible touch sensor is internal to flexible display panel.

Colgan et al. teaches display with integrated resistive touch sensor (See Fig. 2, items 24,30,26, in description See from Col. 4, Line 28 to Col. 5, Line 40).

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It would have been obvious to one of ordinary skill in the art at the time of the invention to implement integrated resistive touch sensor as shown by Colgan et al. in the Kikinis et al., Lueders and Hashimoto et al. apparatus in order to implement display lighter and thinner than conventional devices and provides little or no additional attenuation of light emitted from the display (See Col. 2, Lines 60-64 in the Colgan et al. reference).

6. Claims 7, 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sirola et al., Lueders and Hashimoto et al. as aforementioned in claims 1,20 in view of Lui et al. (US Patent No. 6,256,009 B1).

Sirola et al., Lueders and Hashimoto et al. do not show the electronic paper (ink) as the fabrication technology.

Lui et al teaches electronic ink technology employed in entering data written by hand directly on screen to computer (See Fig.2, items 32,62, in description See Col. 4, Lines 10-40). It would have been obvious to one of ordinary skill in the art at the time of the invention to use the electronic paper (ink) as shown by Lui in the Sirola et al., Lueders and Hashimoto et al. apparatus for providing a user interface in order to receive pen movements as digital ink, and display the ink on the screen as the input (See Col. 1, Lines 29-31 in the Lui et al. reference).

7. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable under 35 U.S.C. 103(a) as being unpatentable over Kikinis et al., Lueders and Hashimoto et al. as aforementioned in claim 10 in view of Lui et al.

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Kikinis et al., Lueders and Hashimoto et al. do not show the electronic paper (ink) as the fabrication technology.

Lui et al teaches electronic ink technology employed in entering data written by hand directly on screen to computer (See Fig.2, items 32,62, in description See Col. 4, Lines 10-40). It would have been obvious to one of ordinary skill in the art at the time of the invention to use the electronic paper (ink) as shown by Lui in Kikinis et al., Lueders and Hashimoto et al. apparatus for providing a user interface in order to receive pen movements as digital ink, and display the ink on the screen as the input (See Col. 1, Lines 29-31 in the Lui et al. reference).

8. Claims 6,24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sirola et al., Lueders and Hashimoto et al. as aforementioned in claims 1,20 in view of Sandbach (US Patent No. 6,333,736 B1).

Sirola et al., Lueders and Hashimoto et al. do not show fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor.

Sandbach teaches fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor (See Fig.4, items 107-108, 111-112, in description See Col. 7, Lines 4-8).

It would have been obvious to one of ordinary skill in the art at the time of the invention fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor as shown by Sandbach in Sirola et al., Lueders and Hashimoto et al. apparatus for providing a user interface in order to

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detect the position of mechanical interaction in a sensor constructed from fabric, wherein a substantially constant electrical current is established through element (See from Col. 1, Line66 to Col. 2, Line 2 in the Sandbach reference).

9. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis et al., Lueders and Hashimoto et al. as aforementioned in claim 10 in view of Sandbach).

Kikinis et al., Lueders and Hashimoto et al. do not show fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor.

Sandbach teaches fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor (See Fig.4, items 107-108, 111-112, in description See Col. 7, Lines 4-8).

It would have been obvious to one of ordinary skill in the art at the time of the invention fabric comprises conductive fibers, conductive fibers adapted to conduct electrical impulses responsive to contact with user interface for the touch sensor as shown by Sandbach in Kikinis et al., Lueders and Hashimoto et al. apparatus for providing a user interface in order to detect the position of mechanical interaction in a sensor constructed from fabric, wherein a substantially constant electrical current is established through element (See from Col. 1, Line 66 to Col. 2, Line 2 in the Sandbach reference).

Response to Arguments

10. Applicant's arguments filed 03-08-04 have been fully considered but they are not persuasive.

On page 5, 2nd paragraph in relation to claim 1, Applicant's stated that Sirola et al. reference does not teach or show motivation for changing the display to a flexible display panel. However, the Lueders reference shows motivation for using flexible display panel, constructed as a flexible plastic liquid crystal display over the input device as keyboard or touch panel (See rejection of claim 1).

On page 5, 3rd paragraph in relation to claim 1, Applicant's stated that problems with LCD displays are not outlined by the cited combination. However, Lueders reference teaches to use flexible plastic liquid crystal display (See Fig. 3, item 36, Col. 4, Lines 48-62) as the a first layer of the user interface (See Fig. 3, item 36, Col. 5, Lines 9-18).

On page 5, 4th paragraph in relation to claim 1, Applicant's stated that Hashimoto reference does not teach or suggest "a flexible display panel forming a first layer of the user interface. However, a first layer of the user interface was already addressed by the Lueders reference (See Fig. 3, item 36Col. 5, Lines 9-18), Col. Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

On page 6, 1st paragraph in relation to claim 1, Applicant's stated that Lueders reference does not teach the replacement of an LCD display with flexible display panel. However, Lueders teaches flexible display (See Title) as flexible plastic liquid crystal display with clear organic material (See Fig. 3, item 3, Col. 4, Lines 45-62).

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On page 6, 2nd paragraph in relation to claim 1, Applicant's stated that Sirola et al. and Lueders teach completely distinct methods for inputting data. However, both references address input devices with the function to input data to the computer. Furthermore, Applicant's question whether references can be bodily incorporated. However, the test for obviousness is not whether the features of the reference may be bodily incorporated into the other to produce the claimed subject matter but simply what the reference make obvious to one of ordinary skill in the art. In re Bozek, 163 USPQ 545, (CCPA 1969).

On page 6, last paragraph in relation to claim 1, Applicant's stated that all references do not teach or suggest "a flexible display panel forming a first layer of the user interface.

However, a first layer of the user interface was already addressed by the Lueders reference (See Fig. 3, item 36Col. 5, Lines 9-18). Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

On page 7, 2nd paragraph in relation to claim 1, Applicant's stated that a top plate which made of glass or a high polymer and that glass and high polymer are not flexible. However, Hashimoto reference teaches a resistive touch panel with flexible spacers (See rejection), which was shown in the Disclosure (See page 24, Lines 12-14 of the Specification).

On page 7, 3rd paragraph in relation to claim 1, Applicant's stated that Lueders reference does not teach a flexible touch sensor at all. However, Hashimoto teaches a flexible touch sensor. Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

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All arguments related to claim 1, equally applicable to the remarks related to claim 20 on pages 8-11.

On page 12, 1st paragraph in relation to claim 10, Applicant's stated that Kikinis et al. reference does not teach or show motivation for changing the display to a flexible display panel. However, the Lueders reference shows motivation for using flexible display panel, constructed as a flexible plastic liquid crystal display over the input device as keyboard or touch panel (See rejection of claim 1).

On page 12, 2nd paragraph in relation to claim 10, Applicant's stated that problems with LCD displays are not outlined by the cited combination. However, Lueders reference teaches to use flexible plastic liquid crystal display (See Fig. 3, item 36, Col. 4, Lines 48-62) as the first layer of the user interface (See Fig. 3, item 36, Col. 5, Lines 9-18).

On page 13, 3rd paragraph in relation to claim 1, Applicant's stated that Hashimoto reference does not teach or suggest "a flexible display panel forming a first layer of the user interface. However, a first layer of the user interface was already addressed by the Lueders reference (See Fig. 3, item 36Col. 5, Lines 9-18), Col. Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

On page 12, last paragraph in relation to claim 10, Applicant's stated that Lueders reference does not teach the replacement of an LCD display with flexible display panel. However, Lueders teaches flexible display (See Title) as flexible plastic liquid crystal display with clear organic material (See Fig. 3, item 3, Col. 4, Lines 45-62).

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On page 13, 2nd paragraph in relation to claim 10, Applicant's stated that Sirola et al. and Lueders teach completely distinct methods for inputting data. However, both references address input devices with the function to input data to the computer. Furthermore, Applicant's question whether references can be bodily incorporated. However, the test for obviousness is not whether the features of the reference may be bodily incorporated into the other to produce the claimed subject matter but simply what the reference make obvious to one of ordinary skill in the art. In re Bozek, 163 USPQ 545, (CCPA 1969).

On page 13, 4th paragraph in relation to claim 10, Applicant's stated that all references do not teach or suggest "a flexible display panel forming a first layer of the user interface. However, a first layer of the user interface was already addressed by the Lueders reference (See Fig. 3, item 36Col. 5, Lines 9-18). Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

On page 14, 3rd paragraph in relation to claim 10, Applicant's stated that Lueders reference does not teach a flexible touch sensor at all. However, Hashimoto teaches a flexible touch sensor. Applicant's cannot show non-obviousness by attacking references individually where, as here the rejections are based on combination of references. In re Keller, 208 USPQ 871 (CCPA 1981).

On pages 17, 1st and last paragraphs and on page 18, last paragraph Applicant's recited the limitation of claim 10: "flexible panel forming a **second** layer of the user interface".

However claim 10 has following limitation: "flexible display panel forming a **first** layer of a user interface".

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Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Telephone inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonid Shapiro whose telephone number is 703-305-5661. The examiner can normally be reached on 8 a.m. to 5 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 703-305-4938. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ls 05-10-04

VIJAY SHANKAR PRIMARY EXAMINER